

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-6 (Canceled).

Claim 7 (Original): An aluminum-killed medium-carbon steel sheet, comprising, by weight, from 0.040 to 0.080% of carbon, from 0.35 to 0.50% of manganese, from 0.040 to 0.070% of aluminum, from 0.0035 to 0.0060% of nitrogen, with the remainder being iron and trace impurities, wherein the steel sheet has an aged condition percentage elongation A% satisfying the relationship:

$$(640-R_m)10 \leq A\% \leq (700-R_m)11$$

where R_m is a maximum rupture strength of the steel, expressed in MPa.

Claim 8 (Currently Amended): A steel sheet according to claim 7, wherein the steel ~~contains~~ comprises carbon in free state, ~~and/or some~~ carbides precipitated at low temperature or both carbon in free state and carbides precipitated at low temperature, and has a grain count per mm^2 greater than 20000.

Claim 9 (Original): A container comprising an aluminum-killed medium-carbon steel sheet formed into the container shape, comprising, by weight, from 0.040 to 0.080% of carbon, from 0.35 to 0.50% of manganese, from 0.040 to 0.070% of aluminum, from 0.0035 to 0.0060% of nitrogen, with the remainder being iron and trace impurities, wherein the steel sheet has an aged condition percentage elongation A% satisfying the relationship:

$$(640-R_m)10 \leq A\% \leq (700-R_m)11$$

where R_m is a maximum rupture strength of the steel, expressed in MPa.

Claim 10 (Currently Amended): The container according to claim 9, wherein the steel ~~steel contains~~ sheet comprises carbon in free state, ~~and/or some~~ carbides precipitated at low temperature or both carbon in free state and carbides precipitated at low temperature, and has a grain count per mm² greater than 20000.

Claim 11 (New): The steel sheet according to Claim 7, having a hardness of from 67 to 76 (HR30T) at an elongation of 5 to 40%.

Claim 12 (New): The container according to Claim 9, wherein the steel sheet has a hardness of from 67 to 76 (HR30T) at an elongation of 5 to 40%.

Claim 13 (New): The steel sheet according to Claim 7, having a grain count of greater than 20,000 per mm².

Claim 14 (New): The container according to Claim 9, wherein the steel sheet has a grain count of greater than 20,000 per mm².

Claim 15 (New): The steel sheet according to Claim 7, having a maximum rupture strength R_m of about 550 MPa and a percentage elongation of from 1 to 3%.

Claim 16 (New): The container according to Claim 9, wherein the steel sheet has a maximum rupture strength of about 550 MPa and a percentage elongation of from 1 to 3%.

Claim 17 (New): The steel sheet according to Claim 7, comprising, by weight, 0.061% of carbon, 0.437% of manganese, 0.041% of aluminum, and 0.0055% of nitrogen.

Claim 18 (New): The container according to Claim 9, wherein the steel sheet comprises, by weight, 0.061% of carbon, 0.437% of manganese, 0.041% of aluminum, and 0.0055% of nitrogen.